

## ABSTRACT

Systems and methods are disclosed for providing a mobile power device to supply alternating current (AC) voltage to an appliance. The power device has an enclosure having a first chamber and a second chamber, the enclosure having an AC output adapted to power the appliance; one or more user-replaceable energy storage units adapted to be inserted into the first chamber; an external power source coupled to the one or more energy storage units and adapted to charge the energy storage units; and an inverter positioned in the second chamber coupled to the one or more energy storage units and the AC output, the inverter receiving direct current (DC) voltage from the one or more energy storage units and generating AC voltage.